DESIGN SERVICES ALLOCATION (DSA)

- **What is DSA?**
  - DSA is the funding source that provides for design and SHIPALT development work including but not limited to SHIPALT Record (SAR), SHIPALT Installation Drawing (SID), Miscellaneous Documentation Support (MDS), Technical Manual Update, Liaison Action Record (LAR), On-Site Technical Representative (OSTR) and Ship’s Selected Record (SSR) Update including Configuration Overhaul Planning (COP).

DESIGN SERVICES ALLOCATION (DSA)(Cont'd)

- **How is DSA Generated**?
  - DSA is a percentage of the combined planning and installation mandays for Title "K" alterations. This percentage is a SPM/OPNAV Sponsor negotiated percentage (currently 23%). This algorithm is housed in NDE. The algorithm spreads DSA over a 3 year period for non-AIT installations and a 2 year period for AIT installations.

REVISED DSA ELEMENTS ALTERATION SPECIFIC

- Justification Cost Forms (JCF)
- Ship Alteration Record (SAR)
- Ship Installation Drawings (SIDs)
- Bill of Material (BOM)
- Liaison Action Record (LARs)
- Provisioning Technical Documentation (PTD)
- Planned Maintenance System (PMS)
- SEMCIP/EMI
- Damage Control
- Miscellaneous Documentation Support (MDS)

REVISED DSA ELEMENTS Availability Specific

- Shipcheck
- Ship Selected Records (SSRs)
- Configuration Overhaul Planing (COP)
- COSAL
- DC Plates
- CDMD-OA
- Onsite Technical Representatives (OSTR)
- Integrated Test Plans
- RADHAZ
- CAMS

- Availability Planning
- Availability Analysis
- EOSS
- CSOSS
  CSITP
  CSTOM
- OCSOT
- CSAM

DESIGN SERVICES ALLOCATION (DSA)ISSUES

- **Insufficient DSA Funds**
  - DSA dollars are only generated for budgeted Title “K” alterations.
  - Funding of DSA elements including SSR Update, LARs, and OSTR is the responsibility of the SPM for all alterations (“K”, “D”, AER, “F”).
  - Budgeted Title “D/F/AER” alterations **do not** generate DSA dollars. However they do generate DSA requirements.

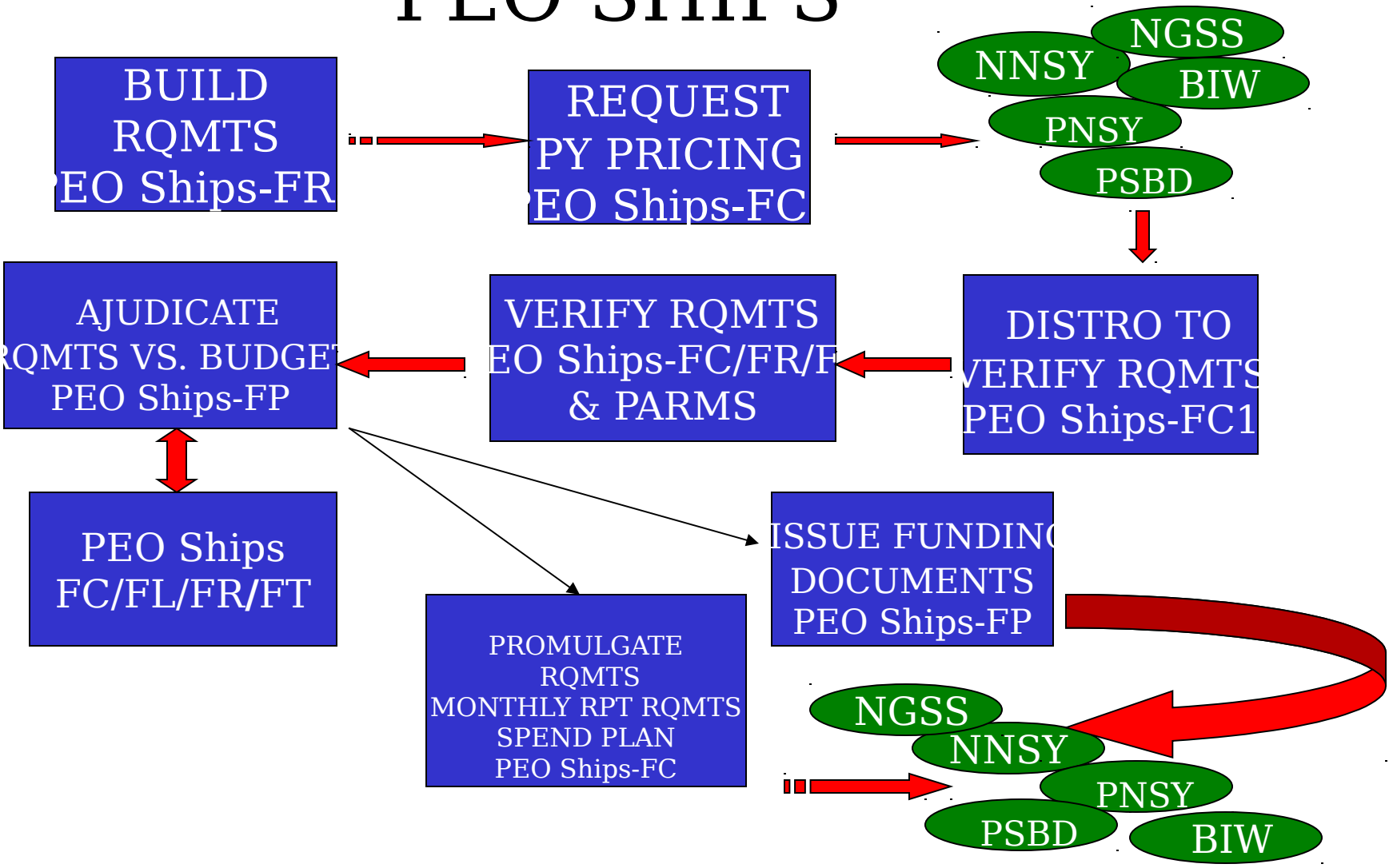
PLANNING YARD DSA ESTIMATES

- Planning Yards are tasked to provide complete estimate for all planning yard products (e.g. Shipcheck, SID (development or review), COP, SSRs, Tech Manual update, Project Management
- PARMs must commit to fully fund PY DSA products listed above before PY is authorized to commence any design effort.

SHIPMAIN IMPACT ON DSA

- All alterations that generate a DSA requirement will also generate a DSA budget.
- SPM review 23% algorithm to determine if 23% is still valid requirement.

CURRENT PLANNING YARD DSA EXECUTION PROCESS PEO SHIPS



BACK-UP
SHIP'S SELECTED RECORD (SSRs) UPDATE

- Effort required to update specifically selected Record Drawings and Data due to the accomplishment of Title "K", "D", and "F" SHIPALTs.
- Normally accomplished by the accomplishing activity/yard or by the planning yard
- Tasked at A-12 months, to be completed by the end of the availability

Back-up
Ship's Selected Records (SSRs) Update

- Selected Record Data includes:

  - Ships Information Book (SIB)

  - General Information Book (GIB)

  - Damage Control Books and Plates

  - Combat System Technical Operations Manual (CSTOM)

  - Engineering Operational Sequencing System (EOSS)

Back-up
Ship’s Selected Records (SSRs) Update

Selected Record Data (Cont’d)

- Combat System Operating Sequencing System (CSOSS)
- Propulsion Plant Manuals
- Propulsion Operating Guide (POG)

Ship’s Selected Records (SSRs) Update

- Selected Record Drawings (tailored to each ship class) include:

  - Docking Drawings

  - Schedules of Watertight Integrity Tests & Inspections

  - Booklet of General Drawings

  - Booklet of Tank Sounding Tables

  - Main Steam Systems Diagrams

Ship’s Selected Records (SSRs) Update

Selected Record Drawings (Cont’d)

- Auxiliary Steam System Diagram
- Fuel Oil Transfer Systems Diagrams
- Main Lube Oil System Diagrams
- Ship Service Auxiliary Cooling Water Diagrams
- Fire Fighting Systems Diagrams
- Top Arrangement Drawings
- Compartment an Access Drawings